

THE CURRENT LISTING OF THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1 1.4. (Cancelled)

1 5. (Previously Presented) A method of performing a location service with respect to a
2 mobile station, comprising:

3 communicating, by a base station to the mobile station, a paging message containing an
4 indication of whether the paging message is related to at least one of an emergency-related
5 location service and a law enforcement-related location service, the indication having a first state
6 to indicate that the paging message is related to at least one of the emergency-related location
7 service and the law enforcement-related location service, wherein the paging message is one of a
8 general page message (GPM) containing the indication and a universal page message (UPM)
9 containing the indication;

10 receiving information regarding the location of the mobile station,

11 wherein communicating the paging message comprises sending the paging message
12 containing a first information element to identify service option 35 or service option 36, and a
13 second information element to indicate whether the paging message is related to the emergency-
14 related location service or law enforcement-relate location service; and

15 the base station setting a state of the second information element based on a state of a
16 field in a paging request from a mobile switching center indicating whether the paging request is
17 related to the emergency-related location service or the law enforcement-related service.

1 6. – 7. (Cancelled)

1 8. (Previously Presented) A method of performing a location service with respect to a
2 mobile station, comprising:

3 communicating a paging message in a mobile communications network containing an
4 indication of whether the paging message is related to at least one of an emergency-related
5 location service and a law enforcement-related location service;

6 communicating information regarding the location of the mobile station,

7 wherein communicating the paging message comprises sending a paging request
8 containing the indication from a mobile switching center to a base station;

9 the mobile switching center receiving a position request containing a field indicating
10 whether the position request is related to at least one of the emergency-related location service
11 and the law enforcement-related location service; and

12 the mobile switching center setting a state of the indication in the paging request based on
13 the field contained in the position request.

1 9. (Original) The method of claim 8, wherein receiving the position request comprises
2 receiving an InterSystemPositionRequest INVOKE (ISPOSREQ) message containing a CTYP
3 field, the CTYP field indicating whether the position request is related to at least one of the
4 emergency-related location service and the law enforcement-related location service.

1 10. (Cancelled)

1 11. (Previously Presented) A method of performing a location service with respect to a
2 mobile station, comprising:

3 communicating, by a base station to the mobile station, a paging message containing an
4 indication of whether the paging message is related to at least one of an emergency-related
5 location service and a law enforcement-related location service, the indication having a first state
6 to indicate that the paging message is related to at least one of the emergency-related location
7 service and the law enforcement-related location service;

8 receiving information regarding the location of the mobile station; and

9 sending a position determination data message (PDDM) containing an indication of
10 whether the PDDM is related to at least one of an emergency-related location service and a law
11 enforcement-related location service.

1 12. (Original) The method of claim 11, wherein sending the PDDM message comprises
2 sending an TIA/EIA/IS-801 PDDM message.

1 13. (Original) The method of claim 11, further comprising:

2 receiving a position request containing a field indicating whether the position request is
3 related to at least one of the emergency-related location service and the law enforcement-related
4 location service; and

5 setting a state of the indication in the PDDM based on a state of the field in the position
6 request.

1 14. (Original) The method of claim 13, wherein receiving the position request containing the
2 field comprises receiving a GeoPositionRequest INVOKE (GPOSREQ) message containing a
3 CTYP field.

1 15.-33. (Cancelled)